

# JOURNAL OF Experimental Child Psychology

## EDITOR

*Hayne W. Reese*

## ASSOCIATE EDITOR

*Lynn S. Liben*

## EDITORIAL BOARD

*Linda Baker*

*Jonathan Baron*

*John M. Belmont*

*David F. Bjorklund*

*R. Reed Hunt*

*Aletha C. Huston*

*Robert V. Kail*

*Robert B. McCall*

*Nora S. Newcombe*

*Stuart I. Offenbach*

*Richard K. Olson*

*Willis F. Overton*

*David S. Palermo*

*Hilary Horn Ratner*

*Alexander W. Siegel*

*Keith E. Stanovich*

*Thomas J. Tighe*

*Rebecca Treiman*

*Volume 50, 1990*

ACADEMIC PRESS, INC.

*Harcourt Brace Jovanovich, Publishers*

San Diego New York Boston

London Sydney Tokyo Toronto



Copyright © 1990 by Academic Press, Inc.

**ALL RIGHTS RESERVED**

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owner.

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee through the Copyright Clearance Center, Inc. (27 Congress Street, Salem, Massachusetts 01970), for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Copy fees for pre-1990 articles are as shown on the article title pages; if no fee code appears on the title page, the copy fee is the same as for current articles.

0022-0965/90 \$3.00

MADE IN THE UNITED STATES OF AMERICA

This journal is printed on acid-free paper.



## Contents of Volume 50

### NUMBER 1, AUGUST 1990

ELLEN M. RUSKIN AND DANIEL B. KAYE. Developmental Differences in Visual Processing: Strategy versus Structure .....	1
BARBARA A. MORRONGIELLO AND CAROLINE L. ROES. Children's Memory for New Songs: Integration or Independent Storage of Words and Tunes? .....	25
CLAIRE M. FLETCHER AND MARGOT R. PRIOR. The Rule Learning Behavior of Reading Disabled and Normal Children as a Function of Task Characteristics and Instruction .....	39
MARCUS HASSELHORN. The Emergence of Strategic Knowledge Activation in Categorical Clustering during Retrieval .....	59
P. MITCHELL AND E. J. ROBINSON. When Do Children Overestimate Their Knowledge of Unfamiliar Targets? .....	81
CHANTAL BARD, LAURETTE HAY, AND MICHELLE FLEURY. Timing and Accuracy of Visually Directed Movements in Children: Control of Direction and Amplitude Components .....	102
OLIVIER KOENIG, LISA P. REISS, AND STEPHEN M. KOSSLYN. The Development of Spatial Relation Representations: Evidence from Studies of Cerebral Lateralization .....	119
BARBARA YOUNGER. Infant Categorization: Memory for Category-Level and Specific Item Information .....	131
MAGGIE BRUCK AND REBECCA TREIMAN. Phonological Awareness and Spelling in Normal Children and Dyslexics: The Case of Initial Consonant Clusters .....	156

### NUMBER 2, OCTOBER 1990

JASON F. MACARIO, ELIZABETH F. SHIPLEY, AND DORRIT O. BILLMAN. Induction from a Single Instance: Formation of a Novel Category .....	179
BRIGID M. DANIEL AND DAVID N. LEE. Development of Looking with Head and Eyes .....	200
BRIAN P. ACKERMAN AND DARA SILVER. Children's Understanding of Private Keys in Referential Communication .....	217

LAWRENCE S. NEWMAN. Intentional and Unintentional Memory in Young Children: Remembering vs. Playing.....	243
RUTH CAMPBELL AND HELEN WRIGHT. Deafness and Immediate Memory for Pictures: Dissociations between "Inner Speech" and the "Inner Ear"?.....	259
PATRICIA J. BAUER AND DONNA J. THAL. Scripts or Scraps: Reconsidering the Development of Sequential Understanding.....	287
SYLVIE DROIT, VIVIANE POUTHAS, AND ANNE-YVONNE JACQUET. Temporal Learning in 4½- and 6-Year-Old Children: Role of Instructions and Prior Knowledge.....	305

NUMBER 3, DECEMBER 1990

SPECIAL TOPIC: TRANSITIONS TO ADOLESCENCE	
HAYNE W. REESE. Editor's Note .....	323
KATHLEEN M. GALOTTI, STEVEN F. KOZBERG, AND DEBORAH APPLEMAN. Younger and Older Adolescents' Thinking about Commitments.....	324
A. L. GREENE. Patterns of Affectivity in the Transition to Adolescence .....	340
LANCE L. WEINMANN AND NORA NEWCOMBE. Relational Aspects of Identity: Late Adolescents' Perceptions of Their Relationships with Parents .....	357
MICHAEL CHANDLER, MICHAEL BOYES, AND LORRAINE BALL. Relativism and Stations of Epistemic Doubt.....	370
REGULAR ARTICLES	
DAVID P. HURFORD AND RAYMOND E. SANDERS. Assessment and Remediation of a Phonemic Discrimination Deficit in Reading Disabled Second and Fourth Graders.....	396
PATRICIA HEINDEL AND GARY KOSE. The Effects of Motoric Action and Organization on Children's Memory .....	416
ANNE ELIZABETH CUNNINGHAM. Explicit versus Implicit Instruction in Phonemic Awareness.....	429
D. TYLER AND B. E. MCKENZIE. Spatial Updating and Training Effects in the First Year of Human Infancy .....	445

MIKA NAITO. Repetition Priming in Children and Adults: Age-Related Dissociation between Implicit and Explicit Memory.....	462
AUTHOR INDEX FOR VOLUME 50 .....	485
CUMULATIVE SUBJECT INDEX FOR VOLUMES 49 AND 50.....	486

